

# XP-002131387

AN - 1994-174016 [21]  
AP - JP19920159578 19920618  
CPY - NISY  
- OSAQ  
DC - D16 D17 D25  
FS - CPI  
IC - C11D1/68 ; C11D7/40  
MC - D05-C08 D06-H D11-A03B D11-B10 D11-D01B D11-D01C D11-D07  
PA - (NISY ) NIPPON SYNTHETIC CHEM IND CO  
- (OSQA ) OSAKA CITY  
PN - JP6116586 A 19940426 DW199421 C11D1/68 006pp  
PR - JP19920159578 19920618  
XA - C1994-079737  
XIC - C11D-001/68 ; C11D-007/40  
AB - J06116586 A cleaner comprising a polysaccharide(s) having as the principal chain, beta-1,3-glucan produced by Aureobasidium microorganisms.  
- Pref. the cleaner contains a surfactant(s). The polysaccharide is pref. one or a mixt. of beta-1,3-glucans having glucose branches bonded to a glucose of the principal chain through beta-1,6 bonding. More pref. the polysaccharide has three glucose branches per four glucoses of the principal chain. Most pref. the polysaccharide contains sulphur-contg. gps.  
- USE/ADVANTAGE - The cleaner is biodegradable and has high detergency for a wide variety of substrates and soil, including metals, glass, cloth, the skin, plastic and wood soiled with oil, protein and/or inks.  
- In an example, the sulphur content of the glucans is typically 0.1-1 wt.%. The sulphur-contg. gp. is one or a mixt. of sulfo-acetic acid, sulphonic acid, polysulphonic acid, cysteine, cystine and methionine gp.(Dwg.0/0)  
IW - CLEAN COMPRISE BIODEGRADABLE NATURAL INGREDIENT CONTAIN POLYSACCHARIDE  
CONTAIN BETA GLUCAN PRODUCE AUREOBASIDIUM MICROORGANISM  
IKW - CLEAN COMPRISE BIODEGRADABLE NATURAL INGREDIENT CONTAIN POLYSACCHARIDE  
CONTAIN BETA GLUCAN PRODUCE AUREOBASIDIUM MICROORGANISM  
NC - 001  
OPD - 1992-06-18  
ORD - 1994-04-26  
PAW - (NISY ) NIPPON SYNTHETIC CHEM IND CO  
- (OSQA ) OSAKA CITY  
TI - Cleaner comprising biodegradable natural ingredients - contains polysaccharide(s) contg. beta-1,3-glucan produced by aureobasidium microorganisms